GenCore version 5.1.8

OM protein - protein search, using sw model

Run on: May 15, 2006, 12:03:04 ; Search time 46 Seconds
(without alignments)
407.987 Million cell updates/sec

Title: US-10-780-043A-6
Perfect score: 1192
Sequence: 1 MGRPLLLPLLLLLQPPAFLQ.....CLLLLWWRRRKGSRAPSSDF 227

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1192	100.0	227	2	US-09-869-388-6	Sequence 6, Appli
2	1163.5	97.6	226	2	US-09-869-388-10	Sequence 10, Appl
3	1069	89.7	238	2	US-09-149-476-485	Sequence 485, App
4	958	80.4	303	2	US-08-985-950-2	Sequence 2, Appli
5	958	80.4	303	2	US-09-546-049-2	Sequence 2, Appli
6	958	80.4	303	2	US-09-869-388-2	Sequence 2, Appli
7	744	62.4	230	2	US-09-869-388-4	Sequence 4, Appli
8	742.5	62.3	175	2	US-09-869-388-8	Sequence 8, Appli
9	532	44.6	101	2	US-09-149-476-754	Sequence 754, App
10	223	18.7	99	2	US-08-985-950-4	Sequence 4, Appli
11	223	18.7	99	2	US-09-546-049-4	Sequence 4, Appli
12	114	9.6	143	1	US-08-345-321-8	Sequence 8, Appli
13	112	9.4	352	2	US-09-203-958A-2	Sequence 2, Appli
14	110.5	9.3	310	2	US-09-079-029-11	Sequence 11, Appl
15	107.5	9.0	440	2	US-09-866-028-61	Sequence 61, Appl
16	107.5	9.0	440	2	US-09-944-457-61	Sequence 61, Appl
17	107.5	9.0	440	2	US-09-945-584-61	Sequence 61, Appl
18	107.5	9.0	440	2	US-09-944-944-61	Sequence 61, Appl
19	107.5	9.0	440	2	US-09-945-587-61	Sequence 61, Appl
20	107.5	9.0	442	2	US-09-778-510-20	Sequence 20, Appl
21	107.5	9.0	442	2	US-09-930-803-1	Sequence 1, Appli
22	107	9.0	476	2	US-09-291-299A-3	Sequence 3, Appli
23	106.5	8.9	423	2	US-09-778-510-22	Sequence 22, Appl
24	106	8.9	354	2	US-09-393-627B-28	Sequence 28, Appl
25	105.5	8.9	244	2	US-08-918-148-79	Sequence 79, Appl
26	105.5	8.9	244	2	US-09-138-091A-77	Sequence 77, Appl
27	101.5	8.5	284	2	US-08-564-164A-2	Sequence 2, Appli
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37	99	8.3	265	1	US-08-403-853-16	Sequence 16, Appl
38	99	8.3	355	2	US-08-875-811-57	Sequence 57, Appl
39	98.5	8.3	421	2	US-08-759-628-5	Sequence 5, Appli
40	98.5	8.3	622	1	US-08-356-786-16	Sequence 16, Appl
41	98	8.2	159	1	US-08-653-402B-2	Sequence 2, Appli
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43	98	8.2	225	2	US-09-453-234-70	Sequence 70, Appl
44	98	8.2	360	2	US-09-907-794A-213	Sequence 213, App
45	98	8.2	360	2	US-09-905-125A-213	Sequence 213, App

ALIGNMENTS

RESULT 1
US-09-869-388-6
; Sequence 6, Application US/09869388
; Patent No. 6774214
; GENERAL INFORMATION:
; APPLICANT: Bates, Elizabeth
; APPLICANT: Fournier, Nathalie
; APPLICANT: Chalus, Lionel
; APPLICANT: Garrone, Pierre
; TITLE OF INVENTION: MONOCYTE-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND MET
; FILE REFERENCE: SF0977X
; CURRENT APPLICATION NUMBER: US/09/869,388
; CURRENT FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: IBM PC compatible
; SEQ ID NO 6
; LENGTH: 227
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-869-388-6

Query Match 100.0%; Score 1192; DB 2; Length 227;
Best Local Similarity 100.0%; Pred. No. 1.5e-114;
Matches 227; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2
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; Sequence 10, Application US/09869388
; Patent No. 6774214
; GENERAL INFORMATION:
; APPLICANT: Bates, Elizabeth
; APPLICANT: Fournier, Nathalie
; APPLICANT: Chalus, Lionel

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;  APPLICANT:  Garrone, Pierre
;  TITLE OF INVENTION: MONOCYTE-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND METHC
;  FILE REFERENCE: SF0977X
;  CURRENT APPLICATION NUMBER: US/09/869,388
;  CURRENT FILING DATE:  2002-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: IBM PC compatible
; SEQ ID NO 10
;   LENGTH: 226
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-09-869-388-10

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RESULT 3
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; Patent No. 6420526
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: 186 Human Secreted proteins
;  FILE REFERENCE: PZ002P1
;  CURRENT APPLICATION NUMBER: US/09/149,476
;  CURRENT FILING DATE: 1998-09-08
;  EARLIER APPLICATION NUMBER: PCT/US98/04493
;  EARLIER FILING DATE: 1998-03-06
;  EARLIER APPLICATION NUMBER: 60/040,162
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;  EARLIER FILING DATE: 1997-04-11
;  EARLIER APPLICATION NUMBER: 60/048,974
;  EARLIER FILING DATE: 1997-06-06
;  EARLIER APPLICATION NUMBER: 60/056,886
;  EARLIER FILING DATE: 1997-08-22
;  EARLIER APPLICATION NUMBER: 60/056,877
;  EARLIER FILING DATE: 1997-08-22
;  EARLIER APPLICATION NUMBER: 60/056,889
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;  EARLIER FILING DATE: 1997-08-22
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; EARLIER APPLICATION NUMBER: 60/056,903
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,888
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; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/057,669
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/049,610
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/061,060
; EARLIER FILING DATE: 1997-10-02

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Best Local Similarity 92.1%; Pred. No. 7.5e-102;
Matches 210; Conservative 2; Mismatches 14; Indels 2; Gaps 1;

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RESULT 4
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; Sequence 2, Application US/08985950
; Patent No. 6140076
; GENERAL INFORMATION:
; APPLICANT: Adema, Gosse Jan
; TITLE OF INVENTION: Isolated Mammalian Monocyte Cell Genes;
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,950
; FILING DATE: 05-DEC-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/041,279
; FILING DATE: 21-MARCH-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/033,181
; FILING DATE: 16-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/032,252
; FILING DATE: 06-DEC-1996
; ATTORNEY/AGENT INFORMATION:

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;       NAME:  Ching, Edwin P.
;       REGISTRATION NUMBER:  34,090
;       REFERENCE/DOCKET NUMBER:  DX0670K
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (650)852-9196
;       TELEFAX:  (650)496-1204
;   INFORMATION FOR SEQ ID NO:  2:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  303 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-985-950-2

  Query Match             80.4%;  Score 958;  DB 2;  Length 303;
  Best Local Similarity   80.8%;  Pred. No. 2.8e-90;
  Matches  185;  Conservative   15;  Mismatches   19;  Indels   10;  Gaps    2;

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Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTT--------TTTWRPSSTTTIAGLRV 172
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Db        121 SVYFCRVELDTRSSGRQQWQSIEGTKLSITQAVTTTTQRPSSMTTTWRLSSTTTTTGLRV 180

Qy        173 TESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSR 221
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Db        181 TQGKRRSDSWHISLETAVGVAVAVTVLGIMILGLICLLR--WRRRKGQQ 227


RESULT 5
US-09-546-049-2
; Sequence 2, Application US/09546049
; Patent No. 6479638
;   GENERAL INFORMATION:
;       APPLICANT: Adema, Gosse Jan
;                  Meyaard, Linde
;                  Gorman, Daniel M.
;                  McClanahan, Terrill K.
;                  Zurawski, Sandra M.
;                  Zurawski, Gerard
;                  Lanier, Lewis L.
;                  Phillips Jr., Joseph H.
;       TITLE OF INVENTION: Isolated Mammalian Monocyte Cell Genes;
;                           Related Reagents
;       NUMBER OF SEQUENCES: 22
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: DNAX Research Institute
;            STREET: 901 California Avenue
;            CITY: Palo Alto
;            STATE: California
;            COUNTRY: USA
;            ZIP: 94304-1104
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: PatentIn Release #1.0, Version #1.30
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/09/546,049
;            FILING DATE: 10-Apr-2000
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: US/08/985,950
;            FILING DATE: 05-DEC-1997
;            APPLICATION NUMBER: US 60/041,279
;            FILING DATE: 21-MARCH-1997
;            APPLICATION NUMBER: US 60/033,181
;            FILING DATE: 16-DEC-1996
;            APPLICATION NUMBER: US 60/032,252
;            FILING DATE: 06-DEC-1996
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Ching, Edwin P.
;            REGISTRATION NUMBER: 34,090
;            REFERENCE/DOCKET NUMBER: DX0670K
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: (650)852-9196
;            TELEFAX: (650)496-1204
;   INFORMATION FOR SEQ ID NO: 2:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 303 amino acids
;            TYPE: amino acid
;            TOPOLOGY: linear
;       MOLECULE TYPE: protein
;       SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-546-049-2

  Query Match             80.4%;  Score 958;  DB 2;  Length 303;
  Best Local Similarity   80.8%;  Pred. No. 2.8e-90;
  Matches  185;  Conservative   15;  Mismatches   19;  Indels   10;  Gaps    2;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
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Db          1 MGRPLLLPLLPLLLPPAFLQPSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
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Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKQDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTT--------TTTWRPSSTTTIAGLRV 172
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Db        121 SVYFCRVELDTRSSGRQQWQSIEGTKLSITQAVTTTTQRPSSMTTTWRLSSTTTTTGLRV 180

Qy        173 TESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSR 221
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Db        181 TQGKRRSDSWHISLETAVGVAVAVTVLGIMILGLICLLR--WRRRKGQQ 227


RESULT 6
US-09-869-388-2
; Sequence 2, Application US/09869388
; Patent No. 6774214
; GENERAL INFORMATION:
;  APPLICANT: Bates, Elizabeth
;  APPLICANT:  Fournier, Nathalie
;  APPLICANT:  Chalus, Lionel
;  APPLICANT:  Garrone, Pierre
;  TITLE OF INVENTION: MONOCYTE-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND MET
;  FILE REFERENCE: SF0977X
;  CURRENT APPLICATION NUMBER: US/09/869,388
;  CURRENT FILING DATE:  2002-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: IBM PC compatible
; SEQ ID NO 2
;   LENGTH: 303
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-09-869-388-2

  Query Match             80.4%;  Score 958;  DB 2;  Length 303;
  Best Local Similarity   80.8%;  Pred. No. 2.8e-90;
  Matches  185;  Conservative   15;  Mismatches   19;  Indels   10;  Gaps    2;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| ||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLPLLLPPAFLQPSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:|||||||||||||||||||||||||||||||||||||:|||||||||:|:||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKQDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTT--------TTTWRPSSTTTIAGLRV 172
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              |||||||||||| ||||| |||:||||:|||||||        ||||| |||||  ||||
Db        121 SVYFCRVELDTRSSGRQQWQSIEGTKLSITQAVTTTTQRPSSMTTTWRLSSTTTTTGLRV 180

Qy        173 TESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSR 221
              |: |  |:|||:||:||: ||:|| ||  :||||:|||   |||||| :
Db        181 TQGKRRSDSWHISLETAVGVAVAVTVLGIMILGLICLLR--WRRRKGQQ 227


RESULT 7
US-09-869-388-4
; Sequence 4, Application US/09869388
; Patent No. 6774214
; GENERAL INFORMATION:
;  APPLICANT: Bates, Elizabeth
;  APPLICANT:  Fournier, Nathalie
;  APPLICANT:  Chalus, Lionel
;  APPLICANT:  Garrone, Pierre
;  TITLE OF INVENTION: MONOCYTE-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND METHO
;  FILE REFERENCE: SF0977X
;  CURRENT APPLICATION NUMBER: US/09/869,388
;  CURRENT FILING DATE:  2002-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: IBM PC compatible
; SEQ ID NO 4
;   LENGTH: 230
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-09-869-388-4

  Query Match             62.4%;  Score 744;  DB 2;  Length 230;
  Best Local Similarity   86.4%;  Pred. No. 2e-68;
  Matches  140;  Conservative    7;  Mismatches   15;  Indels    0;  Gaps    0;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
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Db          1 MGRPLLLPLLPLLLPPAFLQPSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:||||||||||||||||||||||||||||||||||||:|||||||||:|:||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKQDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPS 162
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Db        121 SVYFCRVELDTRSSGRQQWQSIEGTKLSITQGQQRTKATTPA 162


RESULT 8
US-09-869-388-8
; Sequence 8, Application US/09869388
; Patent No. 6774214
; GENERAL INFORMATION:
;  APPLICANT: Bates, Elizabeth
;  APPLICANT:  Fournier, Nathalie
;  APPLICANT:  Chalus, Lionel
;  APPLICANT:  Garrone, Pierre
;  TITLE OF INVENTION: MONOCYTE-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND METHO
;  FILE REFERENCE: SF0977X
;  CURRENT APPLICATION NUMBER: US/09/869,388
;  CURRENT FILING DATE:  2002-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: IBM PC compatible
; SEQ ID NO 8
;   LENGTH: 175
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-09-869-388-8

  Query Match             62.3%;  Score 742.5;  DB 2;  Length 175;
  Best Local Similarity   81.7%;  Pred. No. 1.9e-68;
  Matches  143;  Conservative    9;  Mismatches   12;  Indels   11;  Gaps    2;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| ||||||||||||||||||||||||||||||||||||||

Db          1 MGRPLLLPLLPLLLPPAFLQPSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:||||||||||||||||||||||||||||||||||||:|||||||||:|:||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKQDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSST----TTIAGLR 171
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Db        121 SVYFCRVELDTRSSGRQQWQSIEGTKLSITQG-------NPSKTQRSHMRISGMK 168


RESULT 9
US-09-149-476-754
; Sequence 754, Application US/09149476
; Patent No. 6420526
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: 186 Human Secreted proteins
;  FILE REFERENCE: PZ002P1
;  CURRENT APPLICATION NUMBER: US/09/149,476
;  CURRENT FILING DATE: 1998-09-08
;  EARLIER APPLICATION NUMBER: PCT/US98/04493
;  EARLIER FILING DATE: 1998-03-06
;  EARLIER APPLICATION NUMBER: 60/040,162
;  EARLIER FILING DATE: 1997-03-07
;  EARLIER APPLICATION NUMBER: 60/040,333
;  EARLIER FILING DATE: 1997-03-07
;  EARLIER APPLICATION NUMBER: 60/038,621
;  EARLIER FILING DATE: 1997-03-07
;  EARLIER APPLICATION NUMBER: 60/040,626
;  EARLIER FILING DATE: 1997-03-07
;  EARLIER APPLICATION NUMBER: 60/040,334
;  EARLIER FILING DATE: 1997-03-07
;  EARLIER APPLICATION NUMBER: 60/040,336
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;  EARLIER APPLICATION NUMBER: 60/040,163
;  EARLIER FILING DATE: 1997-03-07
;  EARLIER APPLICATION NUMBER: 60/047,600
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,615
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,597
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,502
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,633
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,583
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,617
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,618
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,503
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,592
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,581
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,584
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,500
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,587
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,492
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,598
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,613
;  EARLIER FILING DATE: 1997-05-23
;  EARLIER APPLICATION NUMBER: 60/047,582
;  EARLIER FILING DATE: 1997-05-23
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; EARLIER APPLICATION NUMBER: 60/047,596
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,612
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,632
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,601
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,580
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,568
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,314
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,569
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,311
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,671
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,674
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,669
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,312
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,313
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,672
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,315
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/048,974
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/056,886
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,877
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,889
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,893
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; EARLIER APPLICATION NUMBER: 60/056,662
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,872
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; EARLIER APPLICATION NUMBER: 60/056,882
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; EARLIER APPLICATION NUMBER: 60/056,637
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,903
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,888
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; EARLIER APPLICATION NUMBER: 60/056,879
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,880
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; EARLIER APPLICATION NUMBER: 60/056,894
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; EARLIER APPLICATION NUMBER: 60/056,911
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; EARLIER APPLICATION NUMBER: 60/056,874
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,910
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,864
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,631
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,845
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,892
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/057,761
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/047,595
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,599
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,588
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,585
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,586
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,590
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,594
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,589
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,593
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,614
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,578
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,576
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/047,501
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,670
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/056,632
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,664
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,876
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,881
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,909
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,875
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,862
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,887
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,908
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/057,650
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/056,884
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/057,669
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/049,610
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/061,060
; EARLIER FILING DATE: 1997-10-02

Query Match 44.6%; Score 532; DB 2; Length 101;
Best Local Similarity 97.0%; Pred. No. 4.1e-47;
Matches 98; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 35 VTQPKHLSASMGGSVEIPFSFYYPWELAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYV 94

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Db          1 VTQPKHLSASMGGSVEIPFSFYYPWELAXXPXVRISWRRGHFHGQSFYSTRPPSIHKDYV 60

Qy         95 NRLFLNWTEGQESGFLRISNLRKEDQSVYFCRVELDTRRSG 135
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Db         61 NRLFLNWTEGQESGFLRISNLRKEDQSVYFCRVELDTRRSG 101


RESULT 10
US-08-985-950-4
; Sequence 4, Application US/08985950
; Patent No. 6140076
;  GENERAL INFORMATION:
;    APPLICANT:  Adema, Gosse Jan
;    TITLE OF INVENTION:  Isolated Mammalian Monocyte Cell Genes;
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  DNAX Research Institute
;      STREET:  901 California Avenue
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94304-1104
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/985,950
;      FILING DATE:  05-DEC-1997
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/041,279
;      FILING DATE:  21-MARCH-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/033,181
;      FILING DATE:  16-DEC-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/032,252
;      FILING DATE:  06-DEC-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Ching, Edwin P.
;      REGISTRATION NUMBER:  34,090
;      REFERENCE/DOCKET NUMBER:  DX0670K
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (650)852-9196
;      TELEFAX:  (650)496-1204
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  99 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-985-950-4

  Query Match             18.7%;  Score 223;  DB 2;  Length 99;
  Best Local Similarity   43.8%;  Pred. No. 2.5e-15;
  Matches   42;  Conservative   16;  Mismatches   38;  Indels    0;  Gaps    0;

Qy         10 LLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWELAIVPNVRI 69
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Db          4 VLLLLSSGCLHAGNSERYNRKNGFGVNQPERCSGVQGGSIDIPFSFYFPWKLAKDPQMSI 63

Qy         70 SWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQ 105
              :|:   |||:  |::  | ||: :  || ||||:||
Db         64 AWKWKDFHGEVIYNSSLPFIHEHFKGRLILNWTQGQ 99


RESULT 11
US-09-546-049-4
; Sequence 4, Application US/09546049
; Patent No. 6479638
;  GENERAL INFORMATION:
;       APPLICANT: Adema, Gosse Jan
;                  Meyaard, Linde
;                  Gorman, Daniel M.
;                  McClanahan, Terrill K.
;                  Zurawski, Sandra M.
;                  Zurawski, Gerard
;                  Lanier, Lewis L.
;                  Phillips Jr., Joseph H.
;       TITLE OF INVENTION: Isolated Mammalian Monocyte Cell Genes;
;                           Related Reagents
;       NUMBER OF SEQUENCES: 22
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: DNAX Research Institute
;            STREET: 901 California Avenue
;            CITY: Palo Alto
;            STATE: California
;            COUNTRY: USA
;            ZIP: 94304-1104
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: PatentIn Release #1.0, Version #1.30
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/09/546,049
;            FILING DATE: 10-Apr-2000
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: US/08/985,950
;            FILING DATE: 05-DEC-1997
;            APPLICATION NUMBER: US 60/041,279
;            FILING DATE: 21-MARCH-1997
;            APPLICATION NUMBER: US 60/033,181
;            FILING DATE: 16-DEC-1996
;            APPLICATION NUMBER: US 60/032,252
;            FILING DATE: 06-DEC-1996
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Ching, Edwin P.
;            REGISTRATION NUMBER: 34,090
;            REFERENCE/DOCKET NUMBER: DX0670K
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: (650)852-9196
;            TELEFAX: (650)496-1204
;  INFORMATION FOR SEQ ID NO: 4:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 99 amino acids
;            TYPE: amino acid
;            TOPOLOGY: linear
;       MOLECULE TYPE: protein
;       SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-546-049-4

  Query Match             18.7%;  Score 223;  DB 2;  Length 99;
  Best Local Similarity   43.8%;  Pred. No. 2.5e-15;
  Matches   42;  Conservative   16;  Mismatches   38;  Indels    0;  Gaps    0;

Qy         10 LLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWELAIVPNVRI 69
              :|||      |  | |        :|| ||:  |   |||::||||||:||:||  | : |
Db          4 VLLLLSSGCLHAGNSERYNRKNGFGVNQPERCSGVQGGSIDIPFSFYFPWKLAKDPQMSI 63

Qy         70 SWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQ 105
              :|:   |||:  |::  | ||: :  || ||||:||
Db         64 AWKWKDFHGEVIYNSSLPFIHEHFKGRLILNWTQGQ 99


RESULT 12
US-08-345-321-8
; Sequence 8, Application US/08345321
; Patent No. 5914109
;  GENERAL INFORMATION:
;    APPLICANT:  ZOLLA-PAZNER, Susan
;    APPLICANT:  GORNY, Miroslav K.
;    TITLE OF INVENTION:  HETEROHYBRIDOMAS PRODUCING HUMAN
```

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;    TITLE OF INVENTION:  MONOCLONAL ANTIBODIES TO HIV-1
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Browdy and Neimark
;      STREET:  419 Seventh Street, N.W., Suite 300
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/345,321
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/872,675
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Browdy, Roger L.
;      REGISTRATION NUMBER:  25,618
;      REFERENCE/DOCKET NUMBER:  ZOLLA-PAZNER1B
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-628-5197
;      TELEFAX:  202-737-3528
;      TELEX:  248633
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  143 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-345-321-8

  Query Match             9.6%;  Score 114;  DB 1;  Length 143;
  Best Local Similarity   29.1%;  Pred. No. 0.0007;
  Matches   53;  Conservative   17;  Mismatches   50;  Indels   62;  Gaps   10;

Qy          2 GRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWEL 61
              | |||| || |            |||  |  | :|||  :| | | :  |  |
Db          3 GSPLLLTLLTL-----------CTGSEAS--YELTQPPSVSVSPGQTARITCSG------ 43

Qy         62 AIVPNVRISWRRGHFHGQSFYSTRPPS-----IHKDYVNRLFLNWTE----------GQE 106
                :||  : |           |  ||        ::||          ||          |
Db         44 DALPNQYVYW----------YQQRPGQAPVVVLYKD---------TERPSGIPERFSGSS 84

Qy        107 SG---FLRISNLRKEDQSVYFCRVELDTRRSGRQQLQSIKGTKLTI---TQAVTTTTTWR 160
              ||    | || :: ||:: |:|:       ||   |    |||||:    :|  : | :
Db         85 SGTTVTLTISGVQAEDEADYYCQ---SADNSGAYPLFFGGGTKLTVLRQPKAAPSVTLFP 141

Qy        161 PS 162
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Db        142 PS 143


RESULT 13
US-09-203-958A-2
; Sequence 2, Application US/09203958A
; Patent No. 6682928
; GENERAL INFORMATION:
;  APPLICANT: KELER, Tibor
;  APPLICANT:  GOLDSTEIN, Joel
;  APPLICANT:  GRAZIANO, Robert
;  APPLICANT:  DEO, Yashwant M.
;  TITLE OF INVENTION: CELLS EXPRESSING ANTI-FC RECEPTOR
;  TITLE OF INVENTION:  BINDING COMPONENTS
;  FILE REFERENCE: MXI-099CPA
;  CURRENT APPLICATION NUMBER: US/09/203,958A
;  CURRENT FILING DATE:  1998-12-02
;  PRIOR APPLICATION NUMBER: 60/067232
;  PRIOR FILING DATE: 1997-12-02
;  NUMBER OF SEQ ID NOS: 4
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
;   LENGTH: 352
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Synthetic construct
US-09-203-958A-2

  Query Match             9.4%;  Score 112;  DB 2;  Length 352;
  Best Local Similarity   24.0%;  Pred. No. 0.004;
  Matches   55;  Conservative   33;  Mismatches   71;  Indels   70;  Gaps   11;

Qy         22 GGSTGSGPSYLY------GVTQP---KHLSASMGGSVEIPFSFYYPWELAIVPNVRISWR 72
              || :| | | :        || ||      || |  | :   ||  | : :   |   : |
Db        158 GGGSGGGGSEVQLVESGGGVVQPGRSLRLSCSSSGFI---FSDNYMYWVRQAPGKGLEWV 214

Qy         73 RGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQSVYFCRVELDTR 132
                 | | |:  | |:      |  ::    : : ||:: :|| ||  ||||
Db        215 ATISDGGS-YTYYPDSVK----GRFTISRDNSKNTLFLQMDSLRPEDTGVYFC------- 262

Qy        133 RSGRQQLQSI-----KGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESK---------- 176
                |  : :       :|| :|::                          |:| | |
Db        263 ARGYYRYEGAMDYWGQGTPVTVSS----------------PRLQVDEQKLISEEDLNAVG 306

Qy        177 ---------GHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRR 216
                      ||  : : : :||   ||: ||   |: |: |::|| ::
Db        307 QDTQEVIVVPHSLPFKVVVISAI---LALVVL--TIISLIILIMLWQKK 350


RESULT 14
US-09-079-029-11
; Sequence 11, Application US/09079029
; Patent No. 6342369
;  GENERAL INFORMATION:
;    APPLICANT:  Adams, Camilia W.
;    APPLICANT:  Ashkenazi, Avi J.
;    APPLICANT:  Chuntharapai, Anan
;    APPLICANT:  Kim, Kyung J.
;    TITLE OF INVENTION:  Apo-2 Receptor
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  1 DNA Way
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  3.5 inch, 1.44 Mb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  WinPatin (Genentech)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/079,029
;      FILING DATE:
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Marschang, Diane L.
;      REGISTRATION NUMBER:  35,600
;      REFERENCE/DOCKET NUMBER:  P1101R2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  650/225-5416
;      TELEFAX:  650/952-9881
;  INFORMATION FOR SEQ ID NO:  11:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  310 amino acids
;      TYPE:  Amino Acid
;      TOPOLOGY:  Linear
US-09-079-029-11
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  Query Match             9.3%;  Score 110.5;  DB 2;  Length 310;
  Best Local Similarity   25.1%;  Pred. No. 0.0047;
  Matches   55;  Conservative   29;  Mismatches   68;  Indels   67;  Gaps   13;

Qy          4 PLLLPLLLLLQPP----AFLQPGGSTGSGPSYLYGVTQP---KHLSASMGGSVEIPFSFY 56
              ||::|     ||       :| ||          || ||     || :  | :   || |
Db         26 PLVVP-FYAAQPAMAQVQLVQSGG----------GVVQPGRSLRLSCAASGFI---FSSY 71

Qy         57 YPWELAIVPNVRISWRRGHFH--GQSFYSTRPPSIHKDYV-NRLFLNWTEGQESGFLRIS 113
                :   |   : |  | |:  |  :|:        | |  |  ::    : : :|:::
Db         72 GMHWVRQAPGKGLEWVAGIFYDGGNKYYA--------DSVKGRFTISRDNSKNTLYLQMN 123

Qy        114 NLRKEDQSVYFCRVELDTRRSGRQQLQSI-KGTKLTI----------------TQAVTTT 156
              :|| || :||:|      | |   :    ||| :|:                :|:| |
Db        124 SLRAEDTAVYYC-----ARDRGYYYMDVWGKGTTVTVSSGGGGSGGGGSGGGGSQSVLT- 177

Qy        157 TTWRPSSTTTIAGLRVTES---------KGHSESWHLSL 186
                :| | :   | ||| |          ||   |:  |
Db        178 ---QPPSVSGAPGQRVTISCTGRSSNIGAGHDVHWYQQL 213


RESULT 15
US-09-866-028-61
; Sequence 61, Application US/09866028
; Patent No. 6642360
; GENERAL INFORMATION:
;  APPLICANT: Baker, Kevin
;  APPLICANT:  Botstein,David
;  APPLICANT:  Eaton,Dan
;  APPLICANT:  Ferrara,Napoleone
;  APPLICANT:  Filvaroff,Ellen
;  APPLICANT:  Gerritsen,Mary
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul
;  APPLICANT:  Grimaldi,Christopher
;  APPLICANT:  Gurney,Austin
;  APPLICANT:  Hillan,Kenneth
;  APPLICANT:  Kljavin,Ivar
;  APPLICANT:  Napier,Mary
;  APPLICANT:  Roy,Margaret
;  APPLICANT:  Tumas,Daniel
;  APPLICANT:  Wood,William
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P2548P1C1
;  CURRENT APPLICATION NUMBER: US/09/866,028
;  CURRENT FILING DATE:  2001-05-25
;  Prior application data removed - consult PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 61
;   LENGTH: 440
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-09-866-028-61

  Query Match             9.0%;  Score 107.5;  DB 2;  Length 440;
  Best Local Similarity   30.7%;  Pred. No. 0.016;
  Matches   35;  Conservative   22;  Mismatches   48;  Indels    9;  Gaps    5;

Qy        110 LRISNLRKEDQSVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAG 169
              | |:|| | |   | |       ::    :  :     ||    |||||   ::||||
Db        296 LFINNLNKTDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPPTTTTTT-TTTTTTTILT 354

Qy        170 LRVTESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLL---WWRRRKGS 220
              : :|:|:   |    ::| |: :   |||   |:  :||||::   :: | ||:
Db        355 I-ITDSRAGEEGSIRAVDHAV-IGGVVAV---VVFAMLCLLIILGRYFARHKGT 403


Search completed: May 15, 2006, 12:04:20
Job time : 47 secs
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OM protein - protein search, using sw model

Run on: May 15, 2006, 12:14:14 ; Search time 164 Seconds
(without alignments)
578.337 Million cell updates/sec

Title: US-10-780-043A-6
Perfect score: 1192
Sequence: 1 MGRPLLLPLLLLLQPPAFLQ.....CLLLLWWRRRKGSRAPSSDF 227

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA_Main:*
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2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1192	100.0	227	4	US-10-262-445-128	Sequence 128, App
2	1192	100.0	227	4	US-10-780-043-6	Sequence 6, Appli
3	1192	100.0	227	5	US-10-820-474A-7	Sequence 7, Appli
4	1192	100.0	291	3	US-09-935-390A-21	Sequence 21, Appl
5	1192	100.0	326	4	US-10-276-774-2380	Sequence 2380, Ap
6	1163.5	97.6	226	3	US-09-774-381-44	Sequence 44, Appl
7	1163.5	97.6	226	4	US-10-780-043-10	Sequence 10, Appl
8	1157.5	97.1	226	3	US-09-745-763-106	Sequence 106, App
9	1069	89.7	238	3	US-09-809-391-485	Sequence 485, App
10	1069	89.7	238	3	US-09-882-171-485	Sequence 485, App
11	1069	89.7	238	4	US-10-164-861-485	Sequence 485, App
12	958	80.4	303	3	US-09-774-381-58	Sequence 58, Appl
13	958	80.4	303	4	US-10-290-631-2	Sequence 2, Appli
14	958	80.4	303	4	US-10-780-043-2	Sequence 2, Appli
15	958	80.4	303	4	US-10-777-524-2	Sequence 2, Appli
16	958	80.4	303	5	US-10-777-521-2	Sequence 2, Appli
17	752	63.1	1012	5	US-10-450-763-30868	Sequence 30868, A
18	752	63.1	1012	5	US-10-450-763-33210	Sequence 33210, A
19	752	63.1	1012	5	US-10-450-763-47228	Sequence 47228, A
20	752	63.1	1012	5	US-10-450-763-51762	Sequence 51762, A
21	744	62.4	230	4	US-10-309-290-110	Sequence 110, App
22	744	62.4	230	4	US-10-780-043-4	Sequence 4, Appli
23	742.5	62.3	175	4	US-10-780-043-8	Sequence 8, Appli
24	592	49.7	206	4	US-10-309-290-112	Sequence 112, App
25	532	44.6	101	3	US-09-809-391-754	Sequence 754, App
26	532	44.6	101	3	US-09-882-171-754	Sequence 754, App
27	532	44.6	101	4	US-10-164-861-754	Sequence 754, App
28	370	31.0	224	3	US-09-866-050A-711	Sequence 711, App
29	223	18.7	99	4	US-10-290-631-4	Sequence 4, Appli
30	223	18.7	99	4	US-10-777-524-4	Sequence 4, Appli
31	223	18.7	99	5	US-10-777-521-4	Sequence 4, Appli
32	122	10.2	257	4	US-10-270-073-8	Sequence 8, Appli
33	120.5	10.1	256	4	US-10-270-073-6	Sequence 6, Appli
34	116.5	9.8	124	5	US-10-788-625-92	Sequence 92, Appl
35	116.5	9.8	253	4	US-10-479-670-174	Sequence 174, App
36	114	9.6	261	4	US-10-270-071-18	Sequence 18, Appl
37	114	9.6	261	4	US-10-270-073-2	Sequence 2, Appli
38	114	9.6	261	4	US-10-328-190-6	Sequence 6, Appli
39	112	9.4	352	3	US-09-203-958A-2	Sequence 2, Appli
40	112	9.4	352	5	US-10-764-131-2	Sequence 2, Appli
41	111	9.3	246	3	US-09-909-567B-49	Sequence 49, Appl
42	111	9.3	252	4	US-10-479-670-168	Sequence 168, App
43	110.5	9.3	310	4	US-10-052-798-11	Sequence 11, Appl
44	110.5	9.3	310	4	US-10-288-917-11	Sequence 11, Appl
45	110.5	9.3	310	4	US-10-423-448-11	Sequence 11, Appl

ALIGNMENTS

RESULT 1
US-10-262-445-128
; Sequence 128, Application US/10262445
; Publication No. US20040014058A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook II, John
; APPLICANT: Burgess, Catherine
; APPLICANT: Catterton, Elina
; APPLICANT: Chant, John
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Edinger, Shlomit
; APPLICANT: Gerlach, Valerie
; APPLICANT: Giot, Loic
; APPLICANT: Gorman, Linda
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Mezes, Peter
; APPLICANT: Millet, Isabelle
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Patturajan, Meera
; APPLICANT: Rieger, Daniel
; APPLICANT: Spytek, Kimberly
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Zhong, Haihong
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
; TITLE OF INVENTION: THE SAME
; FILE REFERENCE: 21402-462D
; CURRENT APPLICATION NUMBER: US/10/262,445
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 60/327,454
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: 60/327,917
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,029
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,056
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,849
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/329,414
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/330,142
; PRIOR FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 60/341,058
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/343,629
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 60/349,575

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;  PRIOR FILING DATE: 2001-10-29
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 133
;  SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 128
;   LENGTH: 227
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-262-445-128

  Query Match             100.0%;  Score 1192;  DB 4;  Length 227;
  Best Local Similarity   100.0%;  Pred. No. 6.6e-100;
  Matches  227;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227
              |||||||||||||||||||||||||||||||||||||||||||||||
Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227


RESULT 2
US-10-780-043-6
; Sequence 6, Application US/10780043
; Publication No. US20040137506A1
; GENERAL INFORMATION:
;  APPLICANT: Bates, Elizabeth
;  APPLICANT:  Fournier, Nathalie
;  APPLICANT:  Chalus, Lionel
;  APPLICANT:  Garrone, Pierre
;  TITLE OF INVENTION: MONOCYTE-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND METHO
;  FILE REFERENCE: SF0977X
;  CURRENT APPLICATION NUMBER: US/10/780,043
;  CURRENT FILING DATE:  2004-02-17
;  PRIOR APPLICATION NUMBER: US/09/869,388
;  PRIOR FILING DATE: 2002-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: IBM PC compatible
; SEQ ID NO 6
;   LENGTH: 227
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-780-043-6

  Query Match             100.0%;  Score 1192;  DB 4;  Length 227;
  Best Local Similarity   100.0%;  Pred. No. 6.6e-100;
  Matches  227;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227
              |||||||||||||||||||||||||||||||||||||||||||||||
Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227


RESULT 3
US-10-820-474A-7
; Sequence 7, Application US/10820474A
; Publication No. US20050155089A1
; GENERAL INFORMATION:
;  APPLICANT: LAL, PREETI
;  APPLICANT:  TANG, Y. TOM
;  APPLICANT:  GORGONE, GINA A.
;  APPLICANT:  CORLEY, NEIL C.
;  APPLICANT:  GUEGLER, KARL J.
;  APPLICANT:  BAUGHN, MARIAH R.
;  APPLICANT:  AKERBLOM, INGRID E.
;  APPLICANT:  AU-YOUNG, JANICE
;  APPLICANT:  YUE, HENRY
;  APPLICANT:  PATTERSON, CHANDRA
;  APPLICANT:  REDDY, ROOPA
;  APPLICANT:  HILLMAN, JENNIFER L.
;  APPLICANT:  BANDMAN, OLGA
;  TITLE OF INVENTION: SIGNAL PEPTIDE-CONTAINING MOLECULES
;  FILE REFERENCE: 039386-1568
;  CURRENT APPLICATION NUMBER: US/10/820,474A
;  CURRENT FILING DATE:  2004-04-07
;  PRIOR APPLICATION NUMBER: 09/720,533
;  PRIOR FILING DATE: 2001-03-20
;  PRIOR APPLICATION NUMBER: PCT/US99/14484
;  PRIOR FILING DATE: 1999-06-25
;  PRIOR APPLICATION NUMBER: 60/090,762
;  PRIOR FILING DATE: 1998-06-26
;  PRIOR APPLICATION NUMBER: 60/094,983
;  PRIOR FILING DATE: 1998-07-31
;  PRIOR APPLICATION NUMBER: 60/102,686
;  PRIOR FILING DATE: 1998-10-01
;  NUMBER OF SEQ ID NOS: 269
;  SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7
;   LENGTH: 227
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   OTHER INFORMATION: Incyte Clone No: 962390
US-10-820-474A-7

  Query Match             100.0%;  Score 1192;  DB 5;  Length 227;
  Best Local Similarity   100.0%;  Pred. No. 6.6e-100;
  Matches  227;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227
              |||||||||||||||||||||||||||||||||||||||||||||||
Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227


RESULT 4
US-09-935-390A-21
; Sequence 21, Application US/09935390A
; Patent No. US20020076761A1
;   GENERAL INFORMATION:
;        APPLICANT: Escobedo, Jaime
;                   Quianjin, Hu
```

```
;                 Garcia, Pablo
;                 Williams, Lewis T.
;                 Kothakota, Srinivas
;       TITLE OF INVENTION: Secreted Human Proteins
;       NUMBER OF SEQUENCES: 38
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Chiron Corporation
;            STREET: 4560 Horton Street
;            CITY: Emeryville
;            STATE: CA
;            COUNTRY: USA
;            ZIP: 94608-2916
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Diskette
;            COMPUTER: IBM Compatible
;            OPERATING SYSTEM: DOS
;            SOFTWARE: FastSEQ for Windows Version 2.0
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/09/935,390A
;            FILING DATE: 22-Aug-2001
;            CLASSIFICATION: <Unknown>
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: 08/988,671
;            FILING DATE: 1997-12-11
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Jane E. R. Potter
;            REGISTRATION NUMBER: 33,332
;            REFERENCE/DOCKET NUMBER: 1369.002
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: (510) 923-2718
;            TELEFAX: (510) 655-3542
;            TELEX: <Unknown>
;   INFORMATION FOR SEQ ID NO: 21:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 291 amino acids
;            TYPE: amino acid
;            STRANDEDNESS: single
;            TOPOLOGY: linear
;       MOLECULE TYPE: No. US20020076761A1e
;       SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-935-390A-21

  Query Match             100.0%;  Score 1192;  DB 3;  Length 291;
  Best Local Similarity   100.0%;  Pred. No. 8.9e-100;
  Matches  227;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         65 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 124

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        125 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 184

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        185 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 244

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227
              |||||||||||||||||||||||||||||||||||||||||||||||
Db        245 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 291


RESULT 5
US-10-276-774-2380
; Sequence 2380, Application US/10276774
; Publication No. US20040053245A1
; GENERAL INFORMATION:
;  APPLICANT: Hyseq, Inc.
;  APPLICANT:  Tang, Y, Tom et al
;  TITLE OF INVENTION: No. US20040053245A1el Nucleic Acids and Polypeptides
;  FILE REFERENCE: 21272-030
;  CURRENT APPLICATION NUMBER: US/10/276,774
;  CURRENT FILING DATE:  2002-11-18
;  PRIOR APPLICATION NUMBER: 09/560,875
;  PRIOR FILING DATE: 2000-04-27
;  PRIOR APPLICATION NUMBER: 09/496,914
;  PRIOR FILING DATE: 2000-02-03
;  NUMBER OF SEQ ID NOS: 2700
;  SOFTWARE: Custom
; SEQ ID NO 2380
;   LENGTH: 326
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-276-774-2380

  Query Match             100.0%;  Score 1192;  DB 4;  Length 326;
  Best Local Similarity   100.0%;  Pred. No. 1e-99;
  Matches  227;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        100 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 159

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        160 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 219

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        220 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 279

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227
              |||||||||||||||||||||||||||||||||||||||||||||||
Db        280 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 326


RESULT 6
US-09-774-381-44
; Sequence 44, Application US/09774381
; Publication No. US20030082677A1
; GENERAL INFORMATION:
;  APPLICANT:  Holtzman, Douglas A.
;  APPLICANT:  McCarthy, Sean A.
;  APPLICANT:  Pan, Yang
;  APPLICANT:  Gearing, David P.
;  TITLE OF INVENTION:  NOVEL EDIRF, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES
;  TITLE OF INVENTION:  AND USES THEREFOR
;  FILE REFERENCE:  MNI-107CP2
;  CURRENT APPLICATION NUMBER: US/09/774,381
;  CURRENT FILING DATE:  2001-01-30
;  PRIOR APPLICATION NUMBER:  08/941,354
;  PRIOR FILING DATE:  1999-09-30
;  PRIOR APPLICATION NUMBER:  09/010,674
;  PRIOR FILING DATE:  1998-01-22
;  PRIOR APPLICATION NUMBER:  60/061,149
;  PRIOR FILING DATE:  1997-10-06
;  PRIOR APPLICATION NUMBER:  09/014,347
;  PRIOR FILING DATE:  1998-01-27
;  PRIOR APPLICATION NUMBER:  60/061,159
;  PRIOR FILING DATE:  1997-10-06
;  PRIOR APPLICATION NUMBER:  09/474,151
;  PRIOR FILING DATE:  2000-12-21
;  PRIOR APPLICATION NUMBER:  09/004,206
;  PRIOR FILING DATE:  1998-01-08
;  PRIOR APPLICATION NUMBER:  60/061,143
;  PRIOR FILING DATE:  1997-10-06
;  PRIOR APPLICATION NUMBER:  09/483,414
;  PRIOR FILING DATE:  2000-01-14
;  PRIOR APPLICATION NUMBER:  09/213,571
;  PRIOR FILING DATE:  1998-12-18
;  PRIOR APPLICATION NUMBER:  08/994,890
;  PRIOR FILING DATE:  1997-12-19
;  NUMBER OF SEQ ID NOS:  59
;  SOFTWARE:  PatentIn Ver. 2.0
; SEQ ID NO 44
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;   LENGTH: 226
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-774-381-44

  Query Match             97.6%;  Score 1163.5;  DB 3;  Length 226;
  Best Local Similarity   98.2%;  Pred. No. 2.5e-97;
  Matches  223;  Conservative    1;  Mismatches    2;  Indels    1;  Gaps    1;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227
              |||||||||||||||||||||||||| ||||||||||||||||||
Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLC-LLLWWRRRKGSRAPSSDF 226


RESULT 7
US-10-780-043-10
; Sequence 10, Application US/10780043
; Publication No. US20040137506A1
; GENERAL INFORMATION:
;  APPLICANT: Bates, Elizabeth
;  APPLICANT:  Fournier, Nathalie
;  APPLICANT:  Chalus, Lionel
;  APPLICANT:  Garrone, Pierre
;  TITLE OF INVENTION: MONOCYTE-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND METHO
;  FILE REFERENCE: SF0977X
;  CURRENT APPLICATION NUMBER: US/10/780,043
;  CURRENT FILING DATE:  2004-02-17
;  PRIOR APPLICATION NUMBER: US/09/869,388
;  PRIOR FILING DATE: 2002-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: IBM PC compatible
; SEQ ID NO 10
;   LENGTH: 226
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-780-043-10

  Query Match             97.6%;  Score 1163.5;  DB 4;  Length 226;
  Best Local Similarity   98.2%;  Pred. No. 2.5e-97;
  Matches  223;  Conservative    1;  Mismatches    2;  Indels    1;  Gaps    1;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227
              |||||||||||||||||||||||||| ||||||||||||||||||
Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLC-LLLWWRRRKGSRAPSSDF 226


RESULT 8
US-09-745-763-106
; Sequence 106, Application US/09745763
; Patent No. US20020065394A1
;  GENERAL INFORMATION:
;       APPLICANT: Jacobs, Kenneth
;                  McCoy, John M.
;                  LaVallie, Edward R.
;                  Collins-Racie, Lisa A.
;                  Evans, Cheryl
;                  Merberg, David
;                  Treacy, Maurice
;                  Spaulding, Vikki
;       TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
;                           ENCODING THEM
;       NUMBER OF SEQUENCES: 219
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Genetics Institute, Inc.
;            STREET: 87 CambridgePark Drive
;            CITY: Cambridge
;            STATE: MA
;            COUNTRY: U.S.A.
;            ZIP: 02140
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: PatentIn Release #1.0, Version #1.30
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/09/745,763
;            FILING DATE: 18-Jun-2000
;            CLASSIFICATION: <Unknown>
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Sprunger, Suzanne A.
;            REGISTRATION NUMBER: 41,323
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: (617) 498-8284
;            TELEFAX: (617) 876-5851
;   INFORMATION FOR SEQ ID NO: 106:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 226 amino acids
;            TYPE: amino acid
;            STRANDEDNESS: <Unknown>
;            TOPOLOGY: linear
;       MOLECULE TYPE: protein
;       SEQUENCE DESCRIPTION: SEQ ID NO: 106:
US-09-745-763-106

  Query Match             97.1%;  Score 1157.5;  DB 3;  Length 226;
  Best Local Similarity   97.8%;  Pred. No. 8.9e-97;
  Matches  222;  Conservative    1;  Mismatches    3;  Indels    1;  Gaps    1;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWTPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAPSSDF 227
              |||||||||||||||||||||||||| ||||||||||||||||||
Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLC-LLLWWRRRKGSRAPSSDF 226


RESULT 9
US-09-809-391-485
; Sequence 485, Application US/09809391
; Publication No. US20030049618A1
; GENERAL INFORMATION:
;  APPLICANT: Ruben et al.
;  TITLE OF INVENTION: 186 Human Secreted proteins
```

```
;  FILE REFERENCE: PZ002P2
;  CURRENT APPLICATION NUMBER: US/09/809,391
;  CURRENT FILING DATE:  2001-03-16
;  Prior application data removed - consult PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 761
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 485
;   LENGTH: 238
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (11)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (14)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (22)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (63)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (64)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (66)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-809-391-485

  Query Match             89.7%;  Score 1069;  DB 3;  Length 238;
  Best Local Similarity   92.1%;  Pred. No. 1e-88;
  Matches  210;  Conservative    2;  Mismatches   14;  Indels    2;  Gaps    1;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| ||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLXLLXPPAFLQPXGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  | ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LAXXPXVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRK--GSRAPSSD 226
              ||||||||||||||||||||||||||||||      | | :| :||
Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLCGGGEGKVAGRQAVTSD 228


RESULT 10
US-09-882-171-485
; Sequence 485, Application US/09882171
; Publication No. US20030175858A1
; GENERAL INFORMATION:
;  APPLICANT: Ruben et al.
;  TITLE OF INVENTION: 186 Human Secreted proteins
;  FILE REFERENCE: PZ002P2
;  CURRENT APPLICATION NUMBER: US/09/882,171
;  CURRENT FILING DATE:  2001-06-18
;  PRIOR APPLICATION NUMBER: 09/809,391
;  PRIOR FILING DATE: 2001-03-16
;  PRIOR APPLICATION NUMBER: 09/149,476
;  PRIOR FILING DATE: 1998-09-08
;  PRIOR APPLICATION NUMBER: PCT/US98/04493
;  PRIOR FILING DATE: 1998-03-06
;  PRIOR APPLICATION NUMBER: 60/040,162
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/040,333
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/038,621
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/040,626
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/040,334
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/040,336
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/040,163
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/047,600
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,615
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,597
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,502
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,633
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,583
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,617
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,618
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,503
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,592
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,581
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,584
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,500
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,587
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,492
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,598
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,613
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,582
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,596
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,612
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,632
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/047,601
;  PRIOR FILING DATE: 1997-05-23
;  PRIOR APPLICATION NUMBER: 60/043,580
;  PRIOR FILING DATE: 1997-04-11
;  PRIOR APPLICATION NUMBER: 60/043,568
;  PRIOR FILING DATE: 1997-04-11
;  PRIOR APPLICATION NUMBER: 60/043,314
;  PRIOR FILING DATE: 1997-04-11
;  PRIOR APPLICATION NUMBER: 60/043,569
;  PRIOR FILING DATE: 1997-04-11
;  PRIOR APPLICATION NUMBER: 60/043,311
;  PRIOR FILING DATE: 1997-04-11
;  PRIOR APPLICATION NUMBER: 60/043,671
;  PRIOR FILING DATE: 1997-04-11
;  PRIOR APPLICATION NUMBER: 60/043,674
;  PRIOR FILING DATE: 1997-04-11
;  PRIOR APPLICATION NUMBER: 60/043,669
;  PRIOR FILING DATE: 1997-04-11
;  PRIOR APPLICATION NUMBER: 60/043,312
;  PRIOR FILING DATE: 1997-04-11
;  PRIOR APPLICATION NUMBER: 60/043,313
;  PRIOR FILING DATE: 1997-04-11
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; PRIOR APPLICATION NUMBER: 60/043,672
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,315
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/048,974
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/056,886
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,877
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,889
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,893
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; PRIOR APPLICATION NUMBER: 60/056,630
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,878
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,662
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; PRIOR FILING DATE: 1997-08-22
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; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,903
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,888
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,879
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; PRIOR APPLICATION NUMBER: 60/056,880
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,894
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; PRIOR APPLICATION NUMBER: 60/056,636
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; PRIOR APPLICATION NUMBER: 60/056,910
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,864
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,631
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,845
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,892
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/057,761
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/047,595
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; PRIOR APPLICATION NUMBER: 60/047,586
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,590
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,594
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,589
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,593
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,614
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/043,578
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,576
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/047,501
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/043,670
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/056,632
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,664
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,876
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,881
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,909
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,875
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,862
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,887
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,908
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/048,964
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/057,650
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: 60/056,884
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/057,669
; PRIOR FILING DATE: 1997-09-05

Query Match 89.7%; Score 1069; DB 3; Length 238;
Best Local Similarity 92.1%; Pred. No. 1e-88;
Matches 210; Conservative 2; Mismatches 14; Indels 2; Gaps 1;

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Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| ||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLXLLXPPAFLQPXGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  | |||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LAXXPXVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRK--GSRAPSSD 226
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Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLCGGGEGKVAGRQAVTSD 228
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RESULT 11
US-10-164-861-485
; Sequence 485, Application US/10164861
; Publication No. US20030225248A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: PZ002P1
; CURRENT APPLICATION NUMBER: US/10/164,861
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US/09/149,476
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: PCT/US98/04493
; PRIOR FILING DATE: 1998-03-06
; NUMBER OF SEQ ID NOS: 757
; SOFTWARE: PatentIn Ver. 2.0

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; SEQ ID NO 485
;   LENGTH: 238
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (11)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (14)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (22)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (63)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (64)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (66)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-164-861-485

  Query Match             89.7%;  Score 1069;  DB 4;  Length 238;
  Best Local Similarity   92.1%;  Pred. No. 1e-88;
  Matches  210;  Conservative    2;  Mismatches   14;  Indels    2;  Gaps    1;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| |||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLXLLXPPAFLQPXGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  | ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LAXXPXVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRK--GSRAPSSD 226
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Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLCGGGEGKVAGRQAVTSD 228


RESULT 12
US-09-774-381-58
; Sequence 58, Application US/09774381
; Publication No. US20030082677A1
; GENERAL INFORMATION:
;  APPLICANT:  Holtzman, Douglas A.
;  APPLICANT:  McCarthy, Sean A.
;  APPLICANT:  Pan, Yang
;  APPLICANT:  Gearing, David P.
;  TITLE OF INVENTION:  NOVEL EDIRF, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES
;  TITLE OF INVENTION:  AND USES THEREFOR
;  FILE REFERENCE:  MNI-107CP2
;  CURRENT APPLICATION NUMBER: US/09/774,381
;  CURRENT FILING DATE:  2001-01-30
;  PRIOR APPLICATION NUMBER:  08/941,354
;  PRIOR FILING DATE:  1999-09-30
;  PRIOR APPLICATION NUMBER:  09/010,674
;  PRIOR FILING DATE:  1998-01-22
;  PRIOR APPLICATION NUMBER:  60/061,149
;  PRIOR FILING DATE:  1997-10-06
;  PRIOR APPLICATION NUMBER:  09/014,347
;  PRIOR FILING DATE:  1998-01-27
;  PRIOR APPLICATION NUMBER:  60/061,159
;  PRIOR FILING DATE:  1997-10-06
;  PRIOR APPLICATION NUMBER:  09/474,151
;  PRIOR FILING DATE:  2000-12-21
;  PRIOR APPLICATION NUMBER:  09/004,206
;  PRIOR FILING DATE:  1998-01-08
;  PRIOR APPLICATION NUMBER:  60/061,143
;  PRIOR FILING DATE:  1997-10-06
;  PRIOR APPLICATION NUMBER:  09/483,414
;  PRIOR FILING DATE:  2000-01-14
;  PRIOR APPLICATION NUMBER:  09/213,571
;  PRIOR FILING DATE:  1998-12-18
;  PRIOR APPLICATION NUMBER:  08/994,890
;  PRIOR FILING DATE:  1997-12-19
;  NUMBER OF SEQ ID NOS:  59
;  SOFTWARE:  PatentIn Ver. 2.0
; SEQ ID NO 58
;   LENGTH: 303
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-774-381-58

  Query Match             80.4%;  Score 958;  DB 3;  Length 303;
  Best Local Similarity   80.8%;  Pred. No. 1.6e-78;
  Matches  185;  Conservative   15;  Mismatches   19;  Indels   10;  Gaps    2;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| |||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLPLLLPPAFLQPSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:|||||||||||||||||||||||||||||||||||:|||||||||:|:||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKQDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTT--------TTTWRPSSTTTIAGLRV 172
              |||||||||||| ||||| |||:||||:|||||||        ||||| |||||  ||||
Db        121 SVYFCRVELDTRSSGRQQWQSIEGTKLSITQAVTTTTQRPSSMTTTWRLSSTTTTTGLRV 180

Qy        173 TESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSR 221
              |: |  |:|||:||:||: ||:|| ||  :||||:|||   ||||||  :
Db        181 TQGKRRSDSWHISLETAVGVAVAVTVLGIMILGLICLLR--WRRRKGQQ 227


RESULT 13
US-10-290-631-2
; Sequence 2, Application US/10290631
; Publication No. US20030105303A1
;  GENERAL INFORMATION:
;       APPLICANT: Adema, Gosse Jan
;                  Meyaard, Linde
;                  Gorman, Daniel M.
;                  McClanahan, Terrill K.
;                  Zurawski, Sandra M.
;                  Zurawski, Gerard
;                  Lanier, Lewis L.
;                  Phillips Jr., Joseph H.
;       TITLE OF INVENTION: Isolated Mammalian Monocyte Cell Genes;
;                           Related Reagents
;       NUMBER OF SEQUENCES: 22
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: DNAX Research Institute
;            STREET: 901 California Avenue
;            CITY: Palo Alto
;            STATE: California
;            COUNTRY: USA
;            ZIP: 94304-1104
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: PatentIn Release #1.0, Version #1.30
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/10/290,631
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;            FILING DATE: 08-No. US20030105303A1-2002
;            CLASSIFICATION: <Unknown>
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: US/08/985,950
;            FILING DATE: 05-DEC-1997
;            APPLICATION NUMBER: US 60/041,279
;            FILING DATE: 21-MARCH-1997
;            APPLICATION NUMBER: US 60/033,181
;            FILING DATE: 16-DEC-1996
;            APPLICATION NUMBER: US 60/032,252
;            FILING DATE: 06-DEC-1996
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Ching, Edwin P.
;            REGISTRATION NUMBER: 34,090
;            REFERENCE/DOCKET NUMBER: DX0670K
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: (650)852-9196
;            TELEFAX: (650)496-1204
;   INFORMATION FOR SEQ ID NO: 2:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 303 amino acids
;            TYPE: amino acid
;            TOPOLOGY: linear
;       MOLECULE TYPE: protein
;       SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-290-631-2

  Query Match             80.4%;  Score 958;  DB 4;  Length 303;
  Best Local Similarity   80.8%;  Pred. No. 1.6e-78;
  Matches  185;  Conservative   15;  Mismatches   19;  Indels   10;  Gaps    2;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| ||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLPLLLPPAFLQPSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:||||||||||||||||||||||||||||||||||||||:|||||||||:|:||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKQDQ 120

Qy        121 SVYFPCRVELDTRRSGRQQLQSIKGTKLTITQAVTT--------TTTWRPSSTTTIAGLRV 172
              |||||||||||| ||||| |||:||||:|||||||        ||||| |||||  ||||
Db        121 SVYFPCRVELDTRSSGRQQWQSIEGTKLSITQAVTTTTQRPSSMTTTWRLSSTTTTTGLRV 180

Qy        173 TESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSR 221
              |: |  |:|||:||:||: ||:|| ||  :||||:|||   |||||| :
Db        181 TQGKRRSDSWHISLETAVGVAVAVTVLGIMILGLICLLR--WRRRKGQQ 227


RESULT 14
US-10-780-043-2
; Sequence 2, Application US/10780043
; Publication No. US20040137506A1
; GENERAL INFORMATION:
;  APPLICANT: Bates, Elizabeth
;  APPLICANT:  Fournier, Nathalie
;  APPLICANT:  Chalus, Lionel
;  APPLICANT:  Garrone, Pierre
;  TITLE OF INVENTION: MONOCYTE-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND METHO
;  FILE REFERENCE: SF0977X
;  CURRENT APPLICATION NUMBER: US/10/780,043
;  CURRENT FILING DATE:  2004-02-17
;  PRIOR APPLICATION NUMBER: US/09/869,388
;  PRIOR FILING DATE: 2002-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: IBM PC compatible
; SEQ ID NO 2
;   LENGTH: 303
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-780-043-2

  Query Match             80.4%;  Score 958;  DB 4;  Length 303;
  Best Local Similarity   80.8%;  Pred. No. 1.6e-78;
  Matches  185;  Conservative   15;  Mismatches   19;  Indels   10;  Gaps    2;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| ||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLPLLLPPAFLQPSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:||||||||||||||||||||||||||||||||||||||:|||||||||:|:||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKQDQ 120

Qy        121 SVYFPCRVELDTRRSGRQQLQSIKGTKLTITQAVTT--------TTTWRPSSTTTIAGLRV 172
              |||||||||||| ||||| |||:||||:|||||||        ||||| |||||  ||||
Db        121 SVYFPCRVELDTRSSGRQQWQSIEGTKLSITQAVTTTTQRPSSMTTTWRLSSTTTTTGLRV 180

Qy        173 TESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSR 221
              |: |  |:|||:||:||: ||:|| ||  :||||:|||   |||||| :
Db        181 TQGKRRSDSWHISLETAVGVAVAVTVLGIMILGLICLLR--WRRRKGQQ 227


RESULT 15
US-10-777-524-2
; Sequence 2, Application US/10777524
; Publication No. US20040143858A1
;  GENERAL INFORMATION:
;       APPLICANT: Adema, Gosse Jan
;                  Meyaard, Linde
;                  Gorman, Daniel M.
;                  McClanahan, Terrill K.
;                  Zurawski, Sandra M.
;                  Zurawski, Gerard
;                  Lanier, Lewis L.
;                  Phillips Jr., Joseph H.
;       TITLE OF INVENTION: Isolated Mammalian Monocyte Cell Genes;
;                           Related Reagents
;       NUMBER OF SEQUENCES: 22
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: DNAX Research Institute
;            STREET: 901 California Avenue
;            CITY: Palo Alto
;            STATE: California
;            COUNTRY: USA
;            ZIP: 94304-1104
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: PatentIn Release #1.0, Version #1.30
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/10/777,524
;            FILING DATE: 11-Feb-2004
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: US/09/546,049
;            FILING DATE: 10-Apr-2000
;            APPLICATION NUMBER: US/08/985,950
;            FILING DATE: 05-DEC-1997
;            APPLICATION NUMBER: US 60/041,279
;            FILING DATE: 21-MARCH-1997
;            APPLICATION NUMBER: US 60/033,181
;            FILING DATE: 16-DEC-1996
;            APPLICATION NUMBER: US 60/032,252
;            FILING DATE: 06-DEC-1996
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Ching, Edwin P.
;            REGISTRATION NUMBER: 34,090
;            REFERENCE/DOCKET NUMBER: DX0670K
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: (650)852-9196
;            TELEFAX: (650)496-1204
;  INFORMATION FOR SEQ ID NO: 2:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 303 amino acids
;            TYPE: amino acid
;            TOPOLOGY: linear
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;       MOLECULE TYPE: protein
;       SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-777-524-2

  Query Match             80.4%;  Score 958;  DB 4;  Length 303;
  Best Local Similarity   80.8%;  Pred. No. 1.6e-78;
  Matches  185;  Conservative   15;  Mismatches   19;  Indels   10;  Gaps    2;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| ||||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLPLLLPPAFLQPSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:||||||||||||||||||||||||||||||||||||:|||||||||:|:||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKDDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTT--------TTTWRPSSTTTIAGLRV 172
              |||||||||||| ||||| |||:||||:|||||||        ||||| |||||  ||||
Db        121 SVYFCRVELDTRSSGRQQWQSIEGTKLSITQAVTTTTQRPSSMTTTWRLSSTTTTTGLRV 180

Qy        173 TESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSR 221
              |: |  |:|||:||:||: ||:|| ||  :||||:|||   |||||| :
Db        181 TQGKRRSDSWHISLETAVGVAVAVTVLGIMILGLICLLR--WRRRKGQQ 227


Search completed: May 15, 2006, 12:17:56
Job time : 165 secs
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GenCore version 5.1.8

OM protein - protein search, using sw model

Run on: May 15, 2006, 12:15:19 ; Search time 28 Seconds
(without alignments)
380.621 Million cell updates/sec

Title: US-10-780-043A-6
Perfect score: 1192
Sequence: 1 MGRPLLLPLLLLLQPPAPLQ.....CLLLLWWRRRKGSRAPSSDF 227

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 250354 seqs, 46948837 residues

Total number of hits satisfying chosen parameters: 250354

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA_New:*
1: /SIDS5/ptodata/1/pubpaa/US08_NEW_PUB.pep1:*
2: /SIDS5/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
3: /SIDS5/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
4: /SIDS5/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
5: /SIDS5/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
6: /SIDS5/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
7: /SIDS5/ptodata/1/pubpaa/US09_NEW_PUB.pep1:*
8: /SIDS5/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
9: /SIDS5/ptodata/1/pubpaa/US10_NEW_PUB.pep1:*
10: /SIDS5/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
11: /SIDS5/ptodata/1/pubpaa/US11_NEW_PUB.pep1:*
12: /SIDS5/ptodata/1/pubpaa/US60_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1069	89.7	238	11	US-11-144-947-485	Sequence 485, App
2	958	80.4	303	11	US-11-198-819-2	Sequence 2, Appli
3	532	44.6	101	11	US-11-144-947-754	Sequence 754, App
4	223	18.7	99	11	US-11-198-819-4	Sequence 4, Appli
5	110.5	9.3	310	11	US-11-245-053-11	Sequence 11, Appl
6	110.5	9.3	310	11	US-11-297-327-11	Sequence 11, Appl
7	110.5	9.3	310	11	US-11-297-448-11	Sequence 11, Appl
8	109	9.1	250	9	US-10-512-184-27	Sequence 27, Appl
9	107.5	9.0	440	8	US-10-196-749-34	Sequence 34, Appl
10	107.5	9.0	440	9	US-10-194-487-34	Sequence 34, Appl
11	107.5	9.0	440	9	US-10-195-883-34	Sequence 34, Appl
12	107.5	9.0	440	9	US-10-195-888-34	Sequence 34, Appl
13	107.5	9.0	440	9	US-10-195-889-34	Sequence 34, Appl
14	106.5	8.9	247	11	US-11-054-515-1294	Sequence 1294, Ap
15	106.5	8.9	247	11	US-11-266-444-1294	Sequence 1294, Ap
16	106	8.9	250	11	US-11-054-515-2073	Sequence 2073, Ap
17	106	8.9	250	11	US-11-266-444-2073	Sequence 2073, Ap
18	103.5	8.7	247	11	US-11-054-515-1328	Sequence 1328, Ap
19	103.5	8.7	247	11	US-11-266-444-1328	Sequence 1328, Ap
20	103	8.6	250	11	US-11-054-515-2095	Sequence 2095, Ap
21	103	8.6	250	11	US-11-266-444-2095	Sequence 2095, Ap
22	102.5	8.6	249	11	US-11-054-515-1030	Sequence 1030, Ap
23	102.5	8.6	249	11	US-11-266-444-1030	Sequence 1030, Ap
24	102.5	8.6	252	11	US-11-054-515-897	Sequence 897, App
25	102.5	8.6	252	11	US-11-054-515-1016	Sequence 1016, Ap
26	102.5	8.6	252	11	US-11-054-515-1131	Sequence 1131, Ap
27	102.5	8.6	252	11	US-11-054-515-1135	Sequence 1135, Ap
28	102.5	8.6	252	11	US-11-054-515-1163	Sequence 1163, Ap
29	102.5	8.6	252	11	US-11-266-444-897	Sequence 897, App
30	102.5	8.6	252	11	US-11-266-444-1016	Sequence 1016, Ap
31	102.5	8.6	252	11	US-11-266-444-1131	Sequence 1131, Ap
32	102.5	8.6	252	11	US-11-266-444-1135	Sequence 1135, Ap
33	102.5	8.6	252	11	US-11-266-444-1163	Sequence 1163, Ap
34	102.5	8.6	253	11	US-11-054-515-902	Sequence 902, App
35	102.5	8.6	253	11	US-11-266-444-902	Sequence 902, App
36	102	8.6	258	9	US-10-512-184-26	Sequence 26, Appl
37	102	8.6	327	9	US-10-512-184-62	Sequence 62, Appl
38	102	8.6	327	9	US-10-512-184-64	Sequence 64, Appl
39	102	8.6	328	9	US-10-512-184-63	Sequence 63, Appl
40	102	8.6	576	9	US-10-512-184-65	Sequence 65, Appl
41	102	8.6	625	9	US-10-512-184-47	Sequence 47, Appl
42	101.5	8.5	256	11	US-11-054-515-907	Sequence 907, App
43	101.5	8.5	256	11	US-11-266-444-907	Sequence 907, App
44	101.5	8.5	277	11	US-11-126-817-54	Sequence 54, Appl
45	101.5	8.5	417	8	US-10-505-928-664	Sequence 664, App

ALIGNMENTS

RESULT 1
US-11-144-947-485
; Sequence 485, Application US/11144947
; Publication No. US20060084082A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: PZ002P2C2
; CURRENT APPLICATION NUMBER: US/11/144,947
; CURRENT FILING DATE: 2005-06-06
; PRIOR APPLICATION NUMBER: 09/882,171
; PRIOR FILING DATE: 2005-06-03
; PRIOR APPLICATION NUMBER: 09/809,391
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/190,068
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 10/164,861
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 09/149,476
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: PCT/US98/04493
; PRIOR FILING DATE: 1998-03-06
; PRIOR APPLICATION NUMBER: 60/040,162
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/040,333
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/038,621
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/040,626
; PRIOR FILING DATE: 1997-03-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 761
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 485
; LENGTH: 238
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (11)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (14)

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;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (22)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (63)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (64)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (66)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-11-144-947-485

  Query Match             89.7%;  Score 1069;  DB 11;  Length 238;
  Best Local Similarity   92.1%;  Pred. No. 3.2e-94;
  Matches  210;  Conservative    2;  Mismatches   14;  Indels    2;  Gaps    1;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| |||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLXLLXPPAFLQPXGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  | ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 LAXXPXVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAGLRVTESKGHSE 180

Qy        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRK--GSRAPSSD 226
              ||||||||||||||||||||||||||||||||      |  | :| :||
Db        181 SWHLSLDTAIRVALAVAVLKTVILGLLCLLLCGGGEGKVAGRQAVTSD 228


RESULT 2
US-11-198-819-2
; Sequence 2, Application US/11198819
; Publication No. US20050287582A1
;  GENERAL INFORMATION:
;    APPLICANT:  Adema, Gosse Jan
;    TITLE OF INVENTION:  Isolated Mammalian Monocyte Cell Genes;
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  DNAX Research Institute
;      STREET:  901 California Avenue
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94304-1104
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/11/198,819
;      FILING DATE:  04-AUG-2005
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/985,950
;      FILING DATE:  05-DEC-1997
;      APPLICATION NUMBER:  US 60/041,279
;      FILING DATE:  21-MARCH-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/033,181
;      FILING DATE:  16-DEC-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/032,252
;      FILING DATE:  06-DEC-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Ching, Edwin P.
;      REGISTRATION NUMBER:  34,090
;      REFERENCE/DOCKET NUMBER:  DX0670K
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (650)852-9196
;      TELEFAX:  (650)496-1204
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  303 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-11-198-819-2

  Query Match             80.4%;  Score 958;  DB 11;  Length 303;
  Best Local Similarity   80.8%;  Pred. No. 1.6e-83;
  Matches  185;  Conservative   15;  Mismatches   19;  Indels   10;  Gaps    2;

Qy          1 MGRPLLLPLLLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
              |||||||||| || ||||||| |||||||||||||||||||||||||||||||||||||
Db          1 MGRPLLLPLLPLLLPPAFLQPSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy         61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
              ||  |:||||||||||||||||||||||||||||||||||||||:|||||||||:|:||
Db         61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKQDQ 120

Qy        121 SVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTT--------TTTWRPSSTTTIAGLRV 172
              |||||||||||| ||||| |||:||||:|||||||        ||||| |||||  ||||
Db        121 SVYFCRVELDTRSSGRQQWQSIEGTKLSITQAVTTTTQRPSSMTTTWRLSSTTTTTGLRV 180

Qy        173 TESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSR 221
              |: |  |:|||:||:||: ||:|| ||  :||||:|||   |||||| :
Db        181 TQGKRRSDSWHISLETAVGVAVAVTVLGIMILGLICLLR--WRRRKGQQ 227


RESULT 3
US-11-144-947-754
; Sequence 754, Application US/11144947
; Publication No. US20060084082A1
; GENERAL INFORMATION:
;  APPLICANT: Ruben et al.
;  TITLE OF INVENTION: 186 Human Secreted proteins
;  FILE REFERENCE: PZ002P2C2
;  CURRENT APPLICATION NUMBER: US/11/144,947
;  CURRENT FILING DATE:  2005-06-06
;  PRIOR APPLICATION NUMBER: 09/882,171
;  PRIOR FILING DATE: 2005-06-03
;  PRIOR APPLICATION NUMBER: 09/809,391
;  PRIOR FILING DATE: 2001-03-16
;  PRIOR APPLICATION NUMBER: 60/190,068
;  PRIOR FILING DATE: 2000-03-17
;  PRIOR APPLICATION NUMBER: 10/164,861
;  PRIOR FILING DATE: 2002-06-10
;  PRIOR APPLICATION NUMBER: 09/149,476
;  PRIOR FILING DATE: 1998-09-08
;  PRIOR APPLICATION NUMBER: PCT/US98/04493
;  PRIOR FILING DATE: 1998-03-06
;  PRIOR APPLICATION NUMBER: 60/040,162
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/040,333
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/038,621
;  PRIOR FILING DATE: 1997-03-07
;  PRIOR APPLICATION NUMBER: 60/040,626
;  PRIOR FILING DATE: 1997-03-07
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 761
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 754
;   LENGTH: 101
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;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (29)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (30)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (32)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-11-144-947-754

  Query Match             44.6%;  Score 532;  DB 11;  Length 101;
  Best Local Similarity   97.0%;  Pred. No. 1.4e-43;
  Matches   98;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy         35 VTQPKHLSASMGGSVEIPFSFYYPWELAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYV 94
              ||||||||||||||||||||||||||||  | ||||||||||||||||||||||||||||
Db          1 VTQPKHLSASMGGSVEIPFSFYYPWELAXXPXVRISWRRGHFHGQSFYSTRPPSIHKDYV 60

Qy         95 NRLFLNWTEGQESGFLRISNLRKEDQSVYFCRVELDTRRSG 135
              |||||||||||||||||||||||||||||||||||||||||
Db         61 NRLFLNWTEGQESGFLRISNLRKEDQSVYFCRVELDTRRSG 101


RESULT 4
US-11-198-819-4
; Sequence 4, Application US/11198819
; Publication No. US20050287582A1
;  GENERAL INFORMATION:
;    APPLICANT:  Adema, Gosse Jan
;    TITLE OF INVENTION:  Isolated Mammalian Monocyte Cell Genes;
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  DNAX Research Institute
;      STREET:  901 California Avenue
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94304-1104
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/11/198,819
;      FILING DATE:  04-AUG-2005
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/985,950
;      FILING DATE:  05-DEC-1997
;      APPLICATION NUMBER:  US 60/041,279
;      FILING DATE:  21-MARCH-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/033,181
;      FILING DATE:  16-DEC-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/032,252
;      FILING DATE:  06-DEC-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Ching, Edwin P.
;      REGISTRATION NUMBER:  34,090
;      REFERENCE/DOCKET NUMBER:  DX0670K
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (650)852-9196
;      TELEFAX:  (650)496-1204
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  99 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-11-198-819-4

  Query Match             18.7%;  Score 223;  DB 11;  Length 99;
  Best Local Similarity   43.8%;  Pred. No. 3.5e-14;
  Matches   42;  Conservative   16;  Mismatches   38;  Indels    0;  Gaps    0;

Qy         10 LLLLQPPAFLQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWELAIVPNVRI 69
              :|||      |  | |         :|| ||:  |   |||::||||||:||:||  | : |
Db          4 VLLLLSSGCLHAGNSERYNRKNGFGVNQPERCSGVQGGSIDIPFSFYFPWKLAKDPQMSI 63

Qy         70 SWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQ 105
              :|:   |||:  |::  | ||: :  || ||||:||
Db         64 AWKWKDFHGEVIYNSSLPFIHEHFKGRLILNWTQGQ 99


RESULT 5
US-11-245-053-11
; Sequence 11, Application US/11245053
; Publication No. US20060035334A1
;  GENERAL INFORMATION:
;       APPLICANT: Adams, Camilia W.
;                  Ashkenazi, Avi J.
;                  Chuntharapai, Anan
;                  Kim, Kyung J.
;       TITLE OF INVENTION: Apo-2 Receptor
;       NUMBER OF SEQUENCES: 14
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Genentech, Inc.
;            STREET: 1 DNA Way
;            CITY: South San Francisco
;            STATE: California
;            COUNTRY: USA
;            ZIP: 94080
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: WinPatin (Genentech)
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/11/245,053
;            FILING DATE: 07-Oct-2005
;            CLASSIFICATION: <Unknown>
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: US/10/288,917
;            FILING DATE: 06-Nov-2002
;            APPLICATION NUMBER: 10/052798
;            FILING DATE: 02-NOV-2001
;            APPLICATION NUMBER: 09/079029
;            FILING DATE: 14-MAY-1998
;            APPLICATION NUMBER: 60/074119
;            FILING DATE: 09-FEB-1998
;            APPLICATION NUMBER: 60/046615
;            FILING DATE: 15-MAY-1997
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Marschang, Diane L.
;            REGISTRATION NUMBER: 35,600
;            REFERENCE/DOCKET NUMBER: P1101R2D1C1
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: 650/225-5416
;            TELEFAX: 650/952-9881
;  INFORMATION FOR SEQ ID NO: 11:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 310 amino acids
;            TYPE: Amino Acid
;            TOPOLOGY: Linear
;       SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-11-245-053-11

  Query Match             9.3%;  Score 110.5;  DB 11;  Length 310;
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  Best Local Similarity   25.1%;  Pred. No. 0.0072;
  Matches   55;  Conservative   29;  Mismatches   68;  Indels   67;  Gaps   13;

Qy          4 PLLLPLLLLLQPP----AFLQPGGSTGSGPSYLYGVTQP---KHLSASMGGSVEIPFSFY 56
              ||::|     ||       :| ||          || ||     || :  | :   || |
Db         26 PLVVP-FYAAQPAMAQVQLVQSGG----------GVVQPGRSLRLSCAASGFI---FSSY 71

Qy         57 YPWELAIVPNVRISWRRGHFH--GQSFYSTRPPSIHKDYV-NRLFLNWTEGQESGFLRIS 113
                :   |   : |  | |:  |  :|:        | |  |  ::    : : :|:::
Db         72 GMHWVRQAPGKGLEWVAGIFYDGGNKYYA--------DSVKGRFTISRDNSKNTLYLQMN 123

Qy        114 NLRKEDQSVYFCRVELDTRRSGRQQLQSI-KGTKLTI----------------TQAVTTT 156
              :|| || :||:|      |  |   :    ||| :|:                :|:| |
Db        124 SLRAEDTAVYYC-----ARDRGYYYMDVWGKGTTVTVSSGGGGSGGGGSGGGGSQSVLT- 177

Qy        157 TTWRPSSTTTIAGLRVTES---------KGHSESWHLSL 186
                :| | :   | ||| |          ||   |:  |
Db        178 ---QPPSVSGAPGQRVTISCTGRSSNIGAGHDVHWYQQL 213


RESULT 6
US-11-297-327-11
; Sequence 11, Application US/11297327
; Publication No. US20060073570A1
;   GENERAL INFORMATION:
;        APPLICANT: Adams, Camilia W.
;                   Ashkenazi, Avi J.
;                   Chuntharapai, Anan
;                   Kim, Kyung J.
;        TITLE OF INVENTION: Apo-2 Receptor
;        NUMBER OF SEQUENCES: 14
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Genentech, Inc.
;             STREET: 1 DNA Way
;             CITY: South San Francisco
;             STATE: California
;             COUNTRY: USA
;             ZIP: 94080
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: WinPatin (Genentech)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/11/297,327
;             FILING DATE: 09-Dec-2005
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/10/288,917
;             FILING DATE: 06-Nov-2002
;             APPLICATION NUMBER: 10/052798
;             FILING DATE: 02-NOV-2001
;             APPLICATION NUMBER: 09/079029
;             FILING DATE: 14-MAY-1998
;             APPLICATION NUMBER: 60/074119
;             FILING DATE: 09-FEB-1998
;             APPLICATION NUMBER: 60/046615
;             FILING DATE: 15-MAY-1997
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Marschang, Diane L.
;             REGISTRATION NUMBER: 35,600
;             REFERENCE/DOCKET NUMBER: P1101R2D1C1
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 650/225-5416
;             TELEFAX: 650/952-9881
;   INFORMATION FOR SEQ ID NO: 11:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 310 amino acids
;             TYPE: Amino Acid
;             TOPOLOGY: Linear
;        SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-11-297-327-11
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  Query Match             9.3%;  Score 110.5;  DB 11;  Length 310;
  Best Local Similarity   25.1%;  Pred. No. 0.0072;
  Matches   55;  Conservative   29;  Mismatches   68;  Indels   67;  Gaps   13;

Qy          4 PLLLPLLLLLQPP----AFLQPGGSTGSGPSYLYGVTQP---KHLSASMGGSVEIPFSFY 56
              ||::|     ||       :| ||          || ||     || :  | :   || |
Db         26 PLVVP-FYAAQPAMAQVQLVQSGG----------GVVQPGRSLRLSCAASGFI---FSSY 71

Qy         57 YPWELAIVPNVRISWRRGHFH--GQSFYSTRPPSIHKDYV-NRLFLNWTEGQESGFLRIS 113
                :   |   : |  | |:  |  :|:        | |  |  ::    : : :|:::
Db         72 GMHWVRQAPGKGLEWVAGIFYDGGNKYYA--------DSVKGRFTISRDNSKNTLYLQMN 123

Qy        114 NLRKEDQSVYFCRVELDTRRSGRQQLQSI-KGTKLTI----------------TQAVTTT 156
              :|| || :||:|      |  |   :    ||| :|:                :|:| |
Db        124 SLRAEDTAVYYC-----ARDRGYYYMDVWGKGTTVTVSSGGGGSGGGGSGGGGSQSVLT- 177

Qy        157 TTWRPSSTTTIAGLRVTES---------KGHSESWHLSL 186
                :| | :   | ||| |          ||   |:  |
Db        178 ---QPPSVSGAPGQRVTISCTGRSSNIGAGHDVHWYQQL 213


RESULT 7
US-11-297-448-11
; Sequence 11, Application US/11297448
; Publication No. US20060084147A1
;   GENERAL INFORMATION:
;        APPLICANT: Adams, Camilia W.
;                   Ashkenazi, Avi J.
;                   Chuntharapai, Anan
;                   Kim, Kyung J.
;        TITLE OF INVENTION: Apo-2 Receptor
;        NUMBER OF SEQUENCES: 14
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Genentech, Inc.
;             STREET: 1 DNA Way
;             CITY: South San Francisco
;             STATE: California
;             COUNTRY: USA
;             ZIP: 94080
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: WinPatin (Genentech)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/11/297,448
;             FILING DATE: 09-Dec-2005
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/10/288,917
;             FILING DATE: 06-Nov-2002
;             APPLICATION NUMBER: 10/052798
;             FILING DATE: 02-NOV-2001
;             APPLICATION NUMBER: 09/079029
;             FILING DATE: 14-MAY-1998
;             APPLICATION NUMBER: 60/074119
;             FILING DATE: 09-FEB-1998
;             APPLICATION NUMBER: 60/046615
;             FILING DATE: 15-MAY-1997
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Marschang, Diane L.
;             REGISTRATION NUMBER: 35,600
;             REFERENCE/DOCKET NUMBER: P1101R2D1C1
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 650/225-5416
;             TELEFAX: 650/952-9881
;   INFORMATION FOR SEQ ID NO: 11:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 310 amino acids
;             TYPE: Amino Acid
;             TOPOLOGY: Linear
;        SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-11-297-448-11
```

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  Query Match             9.3%;  Score 110.5;  DB 11;  Length 310;
  Best Local Similarity   25.1%;  Pred. No. 0.0072;
  Matches   55;  Conservative   29;  Mismatches   68;  Indels   67;  Gaps   13;

Qy          4 PLLLPLLLLLQPP----AFLQPGGSTGSGPSYLYGVTQP---KHLSASMGGSVEIPFSFY 56
              ||::|     ||       :| ||          || ||     || :  | :   || |
Db         26 PLVVP-FYAAQPAMAQVQLVQSGG----------GVVQPGRSLRLSCAASGFI---FSSY 71

Qy         57 YPWELAIVPNVRISWRRGHFH--GQSFYSTRPPSIHKDYV-NRLFLNWTEGQESGFLRIS 113
                :   |   : |  | |:  |  :|:        | |  |  ::    : : :|:::
Db         72 GMHWVRQAPGKGLEWVAGIFYDGGNKYYA--------DSVKGRFTISRDNSKNTLYLQMN 123

Qy        114 NLRKEDQSVYFCRVELDTRRSGRQQLQSI-KGTKLTI----------------TQAVTTT 156
              :|| || :||:|      |  |   :    ||| :|:                 :|:| |
Db        124 SLRAEDTAVYYC-----ARDRGYYYMDVWGKGTTVTVSSGGGGSGGGGSGGGGSQSVLT- 177

Qy        157 TTWRPSSTTTIAGLRVTES---------KGHSESWHLSL 186
                :| | :   | ||| |          ||   |:  |
Db        178 ---QPPSVSGAPGQRVTISCTGRSSNIGAGHDVHWYQQL 213


RESULT 8
US-10-512-184-27
; Sequence 27, Application US/10512184
; Publication No. US20050244901A1
; GENERAL INFORMATION:
;  APPLICANT: Fraunhofer Gesellschaft zur F"rderung der angewandten Forschung e.V.
;  TITLE OF INVENTION: Antibodies, recombinant antibodies, recombinant
;  TITLE OF INVENTION:  antibody fragments and fusions mediated plant disease
;  TITLE OF INVENTION:  resistance against fungi
;  FILE REFERENCE: 3581.01US01
;  CURRENT APPLICATION NUMBER: US/10/512,184
;  CURRENT FILING DATE:  2004-10-22
;  NUMBER OF SEQ ID NOS: 72
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
;   LENGTH: 250
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: scFv SGB3 with
;   OTHER INFORMATION: specificity against Fusarium ssp.; originates from
;   OTHER INFORMATION: Gallus gallus.
US-10-512-184-27

  Query Match             9.1%;  Score 109;  DB 9;  Length 250;
  Best Local Similarity   29.5%;  Pred. No. 0.0077;
  Matches   33;  Conservative   19;  Mismatches   34;  Indels   26;  Gaps    5;

Qy         21 PG-GSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWELAIVPNVRISWRRGHFHGQ 79
              || |||   |:    :|||  :||::||:|:|  |                || :    |
Db        134 PGEGSTKGAPA----LTQPSSVSANLGGTVKITCS---------GSTAHYSWHQQKSPGS 180

Qy         80 ------SFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQSVYFC 125
                   || : ||  |   :      : ::   :| | |: :| ||::||:|
Db        181 APVTLISFNNQRPSDIPSRF------SGSKSGSTGTLTITGVRAEDEAVYYC 226


RESULT 9
US-10-196-749-34
; Sequence 34, Application US/10196749
; Publication No. US20060094864A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C340
;  CURRENT APPLICATION NUMBER: US/10/196,749
;  CURRENT FILING DATE:  2002-07-16
;  PRIOR APPLICATION NUMBER: 10/052586
;  PRIOR FILING DATE: 2002-01-15
;  PRIOR APPLICATION NUMBER: 60/059263
;  PRIOR FILING DATE: 1997-09-18
;  PRIOR APPLICATION NUMBER: 60/059266
;  PRIOR FILING DATE: 1997-09-18
;  PRIOR APPLICATION NUMBER: 60/062250
;  PRIOR FILING DATE: 1997-10-17
;  PRIOR APPLICATION NUMBER: 60/063120
;  PRIOR FILING DATE: 1997-10-24
;  PRIOR APPLICATION NUMBER: 60/063121
;  PRIOR FILING DATE: 1997-10-24
;  PRIOR APPLICATION NUMBER: 60/063486
;  PRIOR FILING DATE: 1997-10-21
;  PRIOR APPLICATION NUMBER: 60/063540
;  PRIOR FILING DATE: 1997-10-28
;  PRIOR APPLICATION NUMBER: 60/063541
;  PRIOR FILING DATE: 1997-10-28
;  PRIOR APPLICATION NUMBER: 60/063544
;  PRIOR FILING DATE: 1997-10-28
;  Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 34
;   LENGTH: 440
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-196-749-34

  Query Match             9.0%;  Score 107.5;  DB 8;  Length 440;
  Best Local Similarity   30.7%;  Pred. No. 0.021;
  Matches   35;  Conservative   22;  Mismatches   48;  Indels    9;  Gaps    5;

Qy        110 LRISNLRKEDQSVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAG 169
              | |:|| | |   | |        ::    :  :     ||    |||||   ::||||
Db        296 LFINNLNKTDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPPTTTTTT-TTTTTTILT 354

Qy        170 LRVTESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLL---WWRRRKGS 220
              : :|:|:   |    ::| |: :   |||   |:  :||||::   :: | ||:
Db        355 I-ITDSRAGEEGSIRAVDHAV-IGGVVAV---VVFAMLCLLIILGRYFARHKGT 403


RESULT 10
US-10-194-487-34
; Sequence 34, Application US/10194487
; Publication No. US20060074226A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C312
;  CURRENT APPLICATION NUMBER: US/10/194,487
;  CURRENT FILING DATE:  2002-07-12
;  PRIOR APPLICATION NUMBER: 10/052586
;  PRIOR FILING DATE: 2002-01-15
;  PRIOR APPLICATION NUMBER: 60/059263
;  PRIOR FILING DATE: 1997-09-18
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;  PRIOR APPLICATION NUMBER: 60/059266
;  PRIOR FILING DATE: 1997-09-18
;  PRIOR APPLICATION NUMBER: 60/062250
;  PRIOR FILING DATE: 1997-10-17
;  PRIOR APPLICATION NUMBER: 60/063120
;  PRIOR FILING DATE: 1997-10-24
;  PRIOR APPLICATION NUMBER: 60/063121
;  PRIOR FILING DATE: 1997-10-24
;  PRIOR APPLICATION NUMBER: 60/063486
;  PRIOR FILING DATE: 1997-10-21
;  PRIOR APPLICATION NUMBER: 60/063540
;  PRIOR FILING DATE: 1997-10-28
;  PRIOR APPLICATION NUMBER: 60/063541
;  PRIOR FILING DATE: 1997-10-28
;  PRIOR APPLICATION NUMBER: 60/063544
;  PRIOR FILING DATE: 1997-10-28
;  Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 34
;   LENGTH: 440
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-194-487-34

  Query Match             9.0%;  Score 107.5;  DB 9;  Length 440;
  Best Local Similarity   30.7%;  Pred. No. 0.021;
  Matches   35;  Conservative   22;  Mismatches   48;  Indels    9;  Gaps    5;

Qy        110 LRISNLRKEDQSVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAG 169
              | |:|| | |   | |       ::    :  :     ||    |||||   ::||||
Db        296 LFINNLNKTDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPPTTTTTT-TTTTTTTILT 354

Qy        170 LRVTESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLL---WWRRRKGS 220
              : :|:|:   |    ::| |: :   |||   |:  :||||::   :: | ||:
Db        355 I-ITDSRAGEEGSIRAVDHAV-IGGVVAV---VVFAMLCLLIILGRYFARHKGT 403


RESULT 11
US-10-195-883-34
; Sequence 34, Application US/10195883
; Publication No. US20060073544A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C323
;  CURRENT APPLICATION NUMBER: US/10/195,883
;  CURRENT FILING DATE:  2002-07-15
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 34
;   LENGTH: 440
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-195-883-34

  Query Match             9.0%;  Score 107.5;  DB 9;  Length 440;
  Best Local Similarity   30.7%;  Pred. No. 0.021;
  Matches   35;  Conservative   22;  Mismatches   48;  Indels    9;  Gaps    5;

Qy        110 LRISNLRKEDQSVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAG 169
              | |:|| | |   | |       ::    :  :     ||    |||||   ::||||
Db        296 LFINNLNKTDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPPTTTTTT-TTTTTTTILT 354

Qy        170 LRVTESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLL---WWRRRKGS 220
              : :|:|:   |    ::| |: :   |||   |:  :||||::   :: | ||:
Db        355 I-ITDSRAGEEGSIRAVDHAV-IGGVVAV---VVFAMLCLLIILGRYFARHKGT 403


RESULT 12
US-10-195-888-34
; Sequence 34, Application US/10195888
; Publication No. US20060073545A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C324
;  CURRENT APPLICATION NUMBER: US/10/195,888
;  CURRENT FILING DATE:  2002-07-15
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 34
;   LENGTH: 440
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-195-888-34

  Query Match             9.0%;  Score 107.5;  DB 9;  Length 440;
  Best Local Similarity   30.7%;  Pred. No. 0.021;
  Matches   35;  Conservative   22;  Mismatches   48;  Indels    9;  Gaps    5;

Qy        110 LRISNLRKEDQSVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAG 169
              | |:|| | |   | |       ::    :  :     ||    |||||   ::||||
Db        296 LFINNLNKTDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPPTTTTTT-TTTTTTTILT 354

Qy        170 LRVTESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLL---WWRRRKGS 220
              : :|:|:   |    ::| |: :   |||   |:  :||||::   :: | ||:
Db        355 I-ITDSRAGEEGSIRAVDHAV-IGGVVAV---VVFAMLCLLIILGRYFARHKGT 403


RESULT 13
US-10-195-889-34
; Sequence 34, Application US/10195889
; Publication No. US20060074227A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C329
;  CURRENT APPLICATION NUMBER: US/10/195,889
;  CURRENT FILING DATE:  2002-07-15
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 34
;   LENGTH: 440
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;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-195-889-34

  Query Match             9.0%;  Score 107.5;  DB 9;  Length 440;
  Best Local Similarity   30.7%;  Pred. No. 0.021;
  Matches   35;  Conservative   22;  Mismatches   48;  Indels    9;  Gaps    5;

Qy        110 LRISNLRKEDQSVYFCRVELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIAG 169
              | |:|| | |   | ||       ::    :  :     ||    |||||   ::||||
Db        296 LFINNNLNKTDNGTYRCEASNIVGKAHSDYMLYVYDPPTTIPPPTTTTTT-TTTTTTTILT 354

Qy        170 LRVTESKGHSESWHLSLDTAIRVALAVAVLKTVILGLLCLLLL---WWRRRKGS 220
              : :|:|:   |    ::| |: :   |||   |:  :||||::   :: | ||:
Db        355 I-ITDSRAGEEGSIRAVDHAV-IGGVVAV---VVFAMLCLLIILGRYFARHKGT 403


RESULT 14
US-11-054-515-1294
; Sequence 1294, Application US/11054515
; Publication No. US20050255532A1
; GENERAL INFORMATION:
;  APPLICANT: Ruben et al.
;  TITLE OF INVENTION: Antibodies that Immunospecifically Bind BLyS
;  FILE REFERENCE: PF523P3
;  CURRENT APPLICATION NUMBER: US/11/054,515
;  CURRENT FILING DATE:  2005-02-10
;  PRIOR APPLICATION NUMBER: 60/543,296
;  PRIOR FILING DATE: 2004-02-11
;  PRIOR APPLICATION NUMBER: 60/580,347
;  PRIOR FILING DATE: 2004-06-18
;  PRIOR APPLICATION NUMBER: 10/293,418
;  PRIOR FILING DATE: 2002-11-14
;  PRIOR APPLICATION NUMBER: 60/331,469
;  PRIOR FILING DATE: 2001-11-16
;  PRIOR APPLICATION NUMBER: 60/340,817
;  PRIOR FILING DATE: 2001-12-19
;  PRIOR APPLICATION NUMBER: 09/880,748
;  PRIOR FILING DATE: 2001-06-15
;  PRIOR APPLICATION NUMBER: 60/293,499
;  PRIOR FILING DATE: 2001-05-25
;  PRIOR APPLICATION NUMBER: 60/277,379
;  PRIOR FILING DATE: 2001-03-21
;  PRIOR APPLICATION NUMBER: 60/276,248
;  PRIOR FILING DATE: 2001-03-16
;  PRIOR APPLICATION NUMBER: 60/240,816
;  PRIOR FILING DATE: 2000-10-17
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1294
;   LENGTH: 247
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-11-054-515-1294

  Query Match             8.9%;  Score 106.5;  DB 11;  Length 247;
  Best Local Similarity   23.7%;  Pred. No. 0.013;
  Matches   52;  Conservative   26;  Mismatches   78;  Indels   63;  Gaps    8;

Qy         19 LQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWELAIVPNVRISW------- 71
              ::||||                 || :  |     || ||           :||
Db         12 VKPGGSL-------------RLSCAASG---FTFSDYY----------MSWIRQAPGK 43

Qy         72 ---RRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQSVYFC-RV 127
                 |  :    | |      |:      |  ::    : | :|::::|| || :||:| ||
Db         44 GLERVSYISSSSSYIYYADSVK----GRFTISRDNAKNSLYLQMNSLRAEDTAVYYCARV 99

Qy        128 ELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIA---GLRVTESKGHSESWHL 184
              : |                  :|  |      |   :| |::   |        |   |  |
Db        100 KRD----------------ILTGYVEGMDVWGKGTTVTVSSGGGGSGGGGSGGGGSSEL 142

Qy        185 SLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAP 223
              : | |: |||   |  |   | |      | ::|  :||
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Db        143 TQDPAVSVALGQTVRITCQGGSLRSYYASWYQQKPGQAP 181


RESULT 15
US-11-266-444-1294
; Sequence 1294, Application US/11266444
; Publication No. US20060062789A1
; GENERAL INFORMATION:
;  APPLICANT: Ruben et al.
;  TITLE OF INVENTION: Antibodies that Immunospecifically Bind to B Lymphocyte Stimul
;  FILE REFERENCE: PF523P1D1
;  CURRENT APPLICATION NUMBER: US/11/266,444
;  CURRENT FILING DATE:  2005-11-04
;  PRIOR APPLICATION NUMBER: 09/880,746
;  PRIOR FILING DATE: 2001-06-15
;  PRIOR APPLICATION NUMBER: 60/212,210
;  PRIOR FILING DATE: 2000-06-16
;  PRIOR APPLICATION NUMBER: 60/240,816
;  PRIOR FILING DATE: 2000-10-17
;  PRIOR APPLICATION NUMBER: 60/276,248
;  PRIOR FILING DATE: 2001-03-16
;  PRIOR APPLICATION NUMBER: 60/277,379
;  PRIOR FILING DATE: 2001-03-21
;  PRIOR APPLICATION NUMBER: 60/293,499
;  PRIOR FILING DATE: 2001-05-25
;  NUMBER OF SEQ ID NOS: 3239
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1294
;   LENGTH: 247
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-11-266-444-1294

  Query Match             8.9%;  Score 106.5;  DB 11;  Length 247;
  Best Local Similarity   23.7%;  Pred. No. 0.013;
  Matches   52;  Conservative   26;  Mismatches   78;  Indels   63;  Gaps    8;

Qy         19 LQPGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWELAIVPNVRISW------- 71
              ::||||                 || :  |     || ||           :||
Db         12 VKPGGSL-------------RLSCAASG---FTFSDYY----------MSWIRQAPGK 43

Qy         72 ---RRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQSVYFC-RV 127
                 |  :    | |      |:      |  ::    : | :|::::|| || :||:| ||
Db         44 GLERVSYISSSSSYIYYADSVK----GRFTISRDNAKNSLYLQMNSLRAEDTAVYYCARV 99

Qy        128 ELDTRRSGRQQLQSIKGTKLTITQAVTTTTTWRPSSTTTIA---GLRVTESKGHSESWHL 184
              : |                  :|  |      |   :| |::   |        |   |  |
Db        100 KRD----------------ILTGYVEGMDVWGKGTTVTVSSGGGGSGGGGSGGGGSSEL 142

Qy        185 SLDTAIRVALAVAVLKTVILGLLCLLLLWWRRRKGSRAP 223
              : | |: |||   |  |   | |      | ::|  :||
Db        143 TQDPAVSVALGQTVRITCQGGSLRSYYASWYQQKPGQAP 181


Search completed: May 15, 2006, 12:18:30
Job time : 29 secs
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